

ALTHEA



DESCRIPTION

The ALTHEA urban luminaire is the ideal solution for lighting sidewalks, pedestrian walkways, squares and parks, where you want to install modern design lighting.

It is made of high-pressure die-cast aluminum and finished electrostatically deposited, oven-cured epoxy paint for a durable, corrosion-resistant finish.

Access to the luminaire is through the upper part through a tool-free opening system and a safety support that facilitates its assembly and subsequent maintenance work. It has an automatic disconnecter, which eliminates the input voltage in the equipment when opening the upper casing. The driver is separated from the optical assembly, to guarantee correct thermal dissipation of the LED light sources.

The optical closure is made of 4mm tempered flat glass, guaranteeing a level of light flux emitted towards the upper hemisphere of less than 1% (FHS<1%).



Parameter	ALTHEA 20	ALTHEA 30	ALTHEA 40	ALTHEA 50	ALTHEA 60	ALTHEA 70	ALTHEA 80	ALTHEA 90	ALTHEA 100
Power	20 W	30 W	40 W	50 W	60 W	70 W	80 W	100 W	120 W
Color temp.	1800K, 2700K, 3000K, 4000K								
Luminous flux	2.600 lm	3.900 lm	5.200 lm	6.500 lm	7.700 lm	9.000 lm	10.400 lm	13.000 lm	15.600 lm
Power factor	> 0,95								
CRI	Ra 70 (optional Ra 80)								
IP	IP66								
* Nominal powers. They can be adjusted to values by regulating the lout of the driver									



TECHNICAL CHARACTERISTICS

- Input voltage: AC 100-240Vac; 50/60Hz
- Life span > L80B10 100,000h (Ta= 25°C)
- IP66 / IK09
- Surge protection: 10 kV
- Operating temperature: -40°C +50°C.
- Mounting diameters 60/76mm
- Net weight: 7.9Kg, 8.5Kg and 8.6Kg
- Electrical class I or II
- THD<15%
- FHS<0,5%
- DRIVER. Available options: DALI, 1-10V, PWM, CLO, NTC, head flow regulator, time zone regulation up to 5 steps
- Possibility of photocell
- Optional: NEMA connector from 5 to 7 pins. Zhaga connector.

TYPES



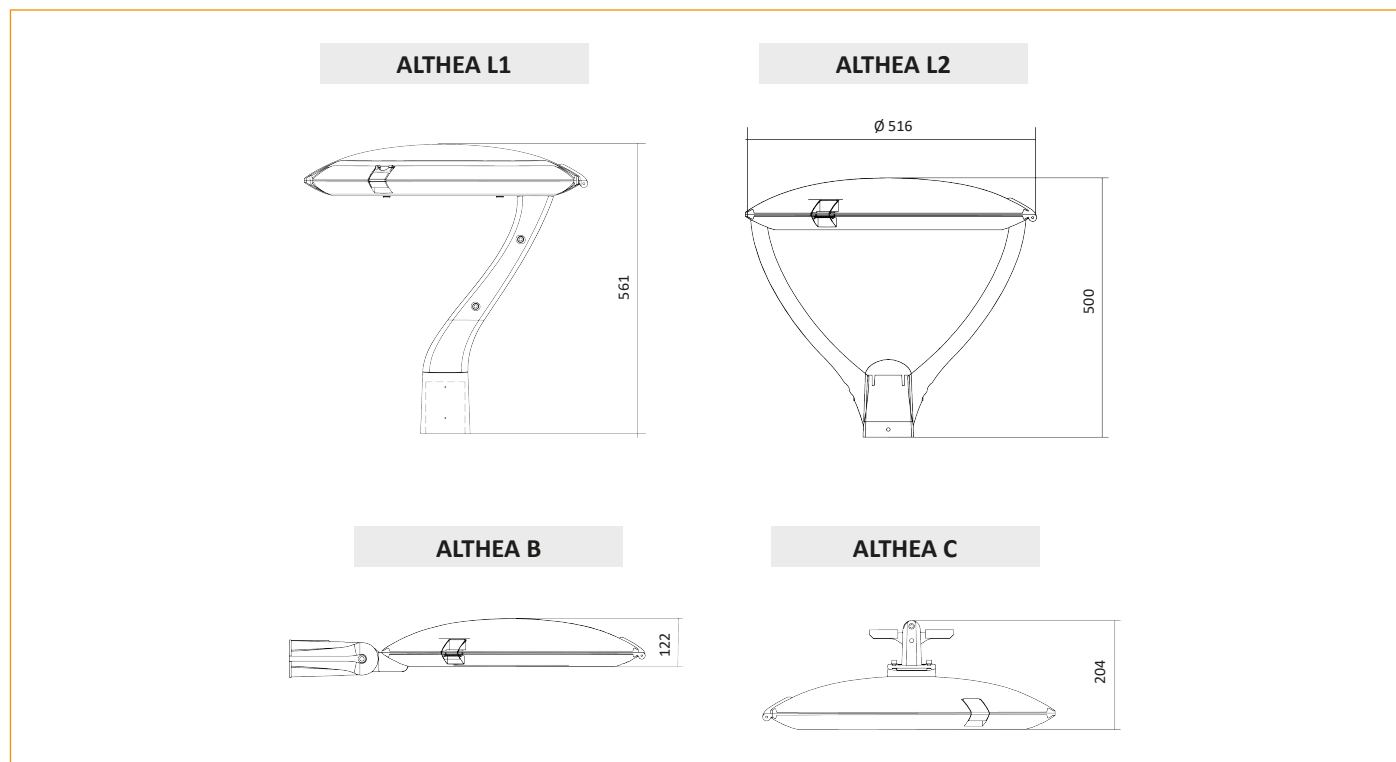
STANDARDS / CERTIFICATES

- UNE-EN 60598-1
- UNE-EN 60598-2.3
- UNE-EN 62031
- UNE-EN 62471
- UNE-EN 62493
- UNE-EN 62384
- UNE-EN-55015
- UNE-EN-61547
- UNE-EN-61000-3-2
- UNE-EN-61000-3-3
- CE

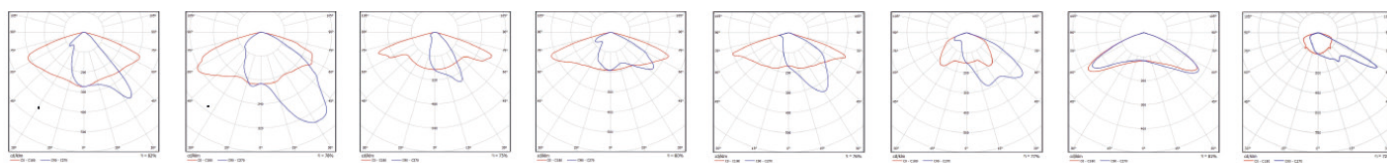
ALTHEA

DIMENSIONS

* Units in mm



PHOTOMETRIES



* More photometries available depending on application